

FORM 1449*	INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: HS/J20030082US1	Application Number: unassigned
		Applicant: GILL	
		Filing Date: 09/30/2003	Group Art Unit: unassigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AH	5,206,590 ✓	04/27/1993	DIENY et al.				
	5,422,621 ✓	06/05/1995	GAMBINO et al.				
	5,432,373 ✓	06/11/1995	JOHNSON				
	5,895,864 ✓	12/09/1997	SLONCZEWSKI				
	5,835,003 ✓	11/10/1998	NICKEL et al.				
2	5,936,402 ✓	08/10/1999	SCHEP et al.				
	6,232,777 ✓	05/15/2001	SATO et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AH	JIP 08-088422	02.04.1996	JP			Abstract only	
	JIP 2001189504	10.07.2001	JP			Abstract only	
2	WO 95/25547	05.10.1995	PCT			N/A	
	WO 02065434	28.11.2002	PCT			YES	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							
AH	2001 ✓	Zhao, Y.-W., Munoz, M., Tatara, G. and Garcia, N., "From Ballistic to Non-Ballistic Magnetoresistance in Nanocontacts: Theory and Experiments," <i>Journal of Magnetism and Magnetic Materials</i> , 223 (2001) 169-174.					
	2002 ✓	N. Garcia, M. Munoz, V.V. Osipov, E.V. Porizovskaya, G.G. Qian, I.G. Savelliev, and Y.-W. Zhao, "Ballistic Magnetoresistance in Different Nanocontact Configurations: A Basis for Future Magnetoresistance Sensors," <i>Journal of Magnetism and Magnetic Materials</i> , 240 (2002) 92-99.					
	2002 ✓	Hartmann, Uwe, "Magnetic Multilayers and Giant Magnetoresistance," <i>Springer Series in Surface Sciences</i> , pp. 163-168.					
	2002 ✓	Harsh Deep Chopra and Susan Z. Hua "Ballistic Magnetoresistance over 3000% in Ni Nanocontacts at Room Temperature," <i>Physical Review B</i> , 66, 020403(F9) (2002).					
2	October 2001 ✓	M. Munoz, G.G. Qian, N. Karar, H. Cheng, I.G. Savelliev, N. Garcia, T.P. Moffat, P.J. Chen, L. Gan, and W.F. Egelhoff, Jr. "Ballistic Magnetoresistance in a Nanocontact Between a Ni Cluster and a Magnetic Thin Film," <i>Applied Physics Letters</i> , Vol. 79, Number 18, October 29, 2001.					
	December 1997 ✓	A. Erdincas, F. Nguyen Van Dau, M. Sussiau, A. Schuhl, and P. Galtier, "Contribution of Current Perpendicular to the Plane to the Giant Magnetoresistance of Laterally Modulated Spin Valves," <i>Applied Physics Letters</i> , Vol 71, No. 22, December 1, 1997.					

EXAMINER	<u>A. Heinz</u>	DATE CONSIDERED	<u>5/26/06</u>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

